

ABSTRACT

The invention relates to observing requests, deriving quality of service (QoS) demands and scheduling the network's resources in terms of QoS. A scheduler is modulating the QoS based on service usage and user-behavior just-in-time. It relates to a method for efficient use of network resources by just-in-time modulation of quality of service based on real-time service-usage and user-behavior comprising steps recording events, generating a synthesis of user-behavior for a QoS user profile according to QoS user preferences, predicting required QoS demand based on current user behavior and user QoS profile, according to QoS user preferences, deriving and propagating QoS demands and allocations, and co-ordination of QoS request of a manifold of users, based on requests, QoS user profiles, QoS user preferences and resources. Further it relates to computer software product, client terminals, a scheduler server, a network element, and a network.